A uterine polyps revealing a clear cell metastasis of renal adenocarcinoma: a case report

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Introduction
Secondary cervical adenocarcinoma are most commonly seen in relation to the extension of primary endometrial adenocarcinoma. Metastatic tumors from other sites are rather uncommon and, when seen, are most frequently from the ovaries, gastrointestinal tract, or breast.

We report a case of renal cell carcinoma, clear cell variant, to the cervix, which presented as a cervical polyp in a postmenopausal female.

To our knowledge, this is the first reported case of renal cell carcinoma metastatic to the cervix. This case is the fourth in which the cervical metastasis was the presenting sign of renal cell carcinoma and the first in which the clinical presentation was as a cervical polyp.

CASE REPORT
A post-menopausal patient of 66 years old was seen for post-menopausal hemorrhage.

The patient was under non-steroidal anti-inflammatory treatment was bleeding a lot.

The office exam show a pedunculated polyp of the cervix.

A pelvic ultrasound was realised showing an intra-uterine polyp of 2 cm x 1 cm pedunculated to the cervix.

A hysteroscopy under general anesthesia was realised.

The insertion of the polyp was ischimic of the uterus.

The endometrium was normal.

The resection of the polyp was done under saline serum and an endometrial sampling was done.

The pathology describe a polyp with markers related to clear cell - The primary localisation suspected was a renal tumor.

The patient underwent a left total nephrectomy.

Pathology of the renal specimen reveals a clear cell renal adenocarcinoma.

The PET Scan reveal hepatic and pulmonary metastases.

Actually the patient is under anti-angiogenic treatment.

Unusual case

Litterature Review

The literature review was done on PubMed with key words (renal adenocarcinoma in relation to uterus polyps).

It seems that this is the fifth case described.

Most of them are in relation with vaginal metastasis.

For that’s specific situation with only uterus polyp, it’s seems that our case is the fourth.

In conclusion, this is a very rare and uncommon situation that we are reporting.

Discussion

That unusual metastatic situation is usually seen in multi-metastatic situation.

Discovering a pelvic localisation seems to deal with bad outcome - Often metastasis of several organs seem to be associated with that finding.

Progress of that association is bad.

References


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